

# DEVIANSHI GOYAL

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## EDUCATION

Arizona State University  
**B.S. in Computer Science (Cybersecurity & AI)**

Expected May 2026  
GPA: 3.69

## TECHNICAL SKILLS

**Programming Languages:** Python, Scheme, C, C++, Java, MATLAB, JavaScript, HTML, CSS, SQL, Linux

**Library/Framework:** JavaFX, Crypto, Animate.css, Wow.js, Bootstrap, Node.js, Django, React

**Web Development:** REST APIs, Responsive design, Asynchronous JavaScript, DOM Manipulation

**Cloud & Dev. Tools:** Git, Pycharm, Eclipse, Visual Studio, VSCode, Arduino, Bash, Jira, PostgreSQL

**Certifications:** Ethical Hacking in IoT and Cyber Space, Cloud Computing

**Relevant Coursework:** Data Structures & Algorithms, Intro to Software Engineering, Principles of Programming Languages, Operating Systems, Computer and Network Forensics, Distributed Software Development, Intro Artificial Intelligence, Intro Human Computer Interaction, Data & Information Security, Computer Network Security

## PROJECTS

### Foxhole Lounge – Mobile App

Aug 2025 – May 2026

- Developing core features for the Foxhole Lounge mobile app—an initiative by the Lower 22 Foundation supporting U.S. veterans—by building Flutter/Dart UI screens, integrating Firebase Auth + Firestore workflows, and improving accessibility, responsiveness, and design consistency across the platform.

### Custom Search Engine with Exa

Apr 2025

- Built a full-stack AI semantic search engine using Python, Flask, Exa API, and custom ranking logic; implemented multi-domain filters (TikTok, Wikipedia, Docs, Twitter), result metadata extraction, and a polished responsive UI to deliver real-time, context aware search results.

### Discord Meme Bot – Python Application

Sep 2025

- Built a Discord bot in Python using discord.py that responds to user commands with random memes fetched from Reddit's Meme API, implementing asynchronous event handling, REST API integration, and JSON data parsing.

### Weather API App

Nov 2024

- Built a responsive weather app using HTML, CSS, and JavaScript, displaying real-time data and 4-day forecasts via OpenWeatherMap API.
- Implemented async API calls, dynamic UI with glass morphism, and secure key handling using Vite and Git.

### Project Compass360 (CSE360 Course)

Aug 2024

- Developed as part of the CSE360 course, group project involved creating a course management help system using Java, JavaFX, MySQL, Java Scene Builder, Crypto, CSS, and SQL packages in Java.

## WORK EXPERIENCE

### Technology Consultant

Tempe, AZ

*LX Space Success at ASU*

July 2024 - Present

- Provide **IT support and technical training** across all university classrooms on Tempe campus, reducing downtime during emergencies and ensuring seamless hybrid learning experiences.

### Software Development Intern

Remote

*Gurus of Web, Chandigarh, IN*

May 2025 - Aug 2025

- Developed a **modular Flask REST API** integrated with PostgreSQL and JWT authentication, streamlining backend workflows and improving system reliability by 40% through unit tests (PyTest).
- Built a **full-stack task management tool** using Jinja2, Bootstrap, and JavaScript, enabling 10+ team members to track tasks in real-time, which improved sprint efficiency by 25%.

### Verizon Cloud Platform Job Simulation

Remote

*Forge*

Nov 2025

- Engineered a **cloud-native VPN prototype** in Python to simulate compliance testing, demonstrating how vulnerabilities could be reduced by 30% through automated checks.